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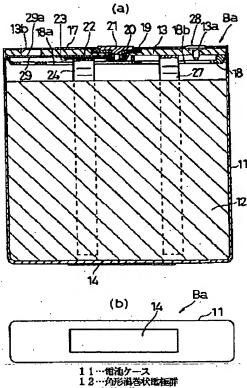
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TITLE

NONAQUEOUS ELECTROLYTE

BATTERY



(電極群) 3…封口板

ABSTRACT :

PROBLEM TO BE SOLVED: To provide a nonaqueous electrolyte battery capable of connecting without hindrance an outside connecting lead made of nickel to a battery case or a sealing plate by resistance welding when a battery module or a battery pack is constituted.

SOLUTION: An electrode group 12 is housed in a cylindrical aluminum battery case with bottom 11, an electrolyte is poured, and an opening part of the battery case 11 is sealed with the aluminum sealing plate 13. At least one outer surface of the battery case 11 and the sealing plate 13 is surface- treated, and metal thin layers 14, 17 are formed as a connecting terminal with at least one of nickel, iron, chromium, gold, silver, and copper. The metal thin layers 14, 17 are formed by either one of electroless plating and metal vapor deposition. The metal thin layer 14 is locally formed in only the central part on the outer surface of the bottom plate of the cylindrical battery case 11 formed in the cylindrical shape with bottom after a can forming process is finished.

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